APPENDIX

Versions of amended title, specification, and claims 1, 28, 29, 30, 33, 55, and 56, with markings to show changes made, pursuant to 37 C.F.R. § 1.121 (c)(1)(ii):

AMENDED TITLE

Applicant presents the amended title in marked-up form below, to aid the Examiner in identifying amendments.

DYE COMPOSITION CONTAINING 1,8-BIS(2,5-DIAMINOPHENOXY)-3,[5]6-DIOXAOCTANE, AN ADDITIONAL OXIDATION BASE AND A COUPLER, AND DYEING PROCESSES

AMENDED SPECIFICATION

Applicant presents the amended portions of the specification in marked-up form below, to aid the Examiner in identifying amendments.

Amended first full paragraph on page 1 of the specification:

The invention relates to a composition for the oxidation dyeing of keratin fibers, containing a first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane, and the acid-addition salts thereof, at least one second selected oxidation base and at least one coupler; as well as to the oxidation dyeing process using this composition.

Amended last full paragraph on page 2, which extends to the first two lines of page 3, of the specification:

The inventor has now discovered, entirely surprisingly and unexpectedly, that the combination of 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane, and/or of at least one of the acid-addition salts thereof, with at least one second suitably selected oxidation base and at least one coupler, can give intense colorations which moreover can have improved properties of

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resistance with respect to the various attacking factors to which the hair may be subjected (shampooing, light, bad weather, permanent-waving, perspiration, friction, etc.).

Amended paragraph on page 3, which extends from line 6 to line 7, of the specification:
- at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane
and acid-addition salts thereof,

Amended paragraph on page 8, which extends from line 6 to line 9, of the specification:

The at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof preferably represent from 0.0005 to 12% by weight approximately relative to the total weight of the dye composition, and even more preferably from 0.005 to 6% by weight approximately relative to this weight.

Amended table on page 15 of the specification:

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0.313 0.453 0.39 ဖ 0.337 0.39 0.327 S 0.184 0.39 4 0.162 0.39 0.33 က 0.163 0.39 0.723 2 0.162 0.498 0.39 ı 3-Methyl-4-aminophenol (second oxidation base) 1,8-Bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane para-Phenylenediamine (second oxidation base) 2,4-Diaminophenoxyethanol dihydrochloride para-Aminophenol (second oxidation base) 5-N-(\bargethyl)amino-2-methylphenol 2-(B-Hydroxyethyl-para-phenylenediamine dihydrochloride (second oxidation base) 2,6-Dimethyl-para-phenylenediamine 5-Amino-2-methylphenol (coupler) etrahydrochloride monohydrate 1,3-Dihydroxybenzene (coupler) 6-Hydroxybenzomorpholine (second oxidation base) dihydrochloride 3-Aminophenol **EXAMPLE** (conpler) (coupler)

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Amended table on page 19 of the specification:

EXAMPLE	7	80	σ	10	+	ç
1,8-Bis(2,5-diaminophenoxyl)-3,[5]6-dioxaoctane tetra hydrochloride monohydrate	0.39	0.39	0.39	0.39	0.39	0.30
para-Phenylenediamine (second oxidation base)	0.162		0 162		8	600
para-Aminophenol (second oxidation base)		0 163	0.10		•	•
3-Methyl-4-aminophenol (second oxidation base)		3	•	. 0		
2-(β-Hydroxyethyl)-para-phenylenediamine dihydrochloride (second oxidation base)		•	'	0.184	B .	
o o o o o o o o o o o o o o o o o o o			•		0.337	1
2,6-Ulmethyl-para-phenylenediamine dihydrochloride (second oxidation base)	1		ı			0 313
5-N-(β-Hydroxyethyl)amino-2-methylphenol (coupler)	0.498					2
2,4-Diaminophenoxyethanol dihydrochloride						•
(coupler)	,	0.723	,			
1,3-Dihydroxybenzene (coupler)	•		0 33			
5-Amino-2-methylphenol (coupler)			3			
A missississississississississississississ	•		,	0.369	•	
3-Arminophenol				-	0.327	
6-Hydroxybenzomorpholine						0.450
						0.433

AMENDED CLAIMS

Applicant presents amended claims 1, 28-30, 33, 55 and 56 in marked-up form below, to aid the Examiner in identifying amendments.

- 1. (Amended) A composition for oxidation dyeing of keratin fibers, comprising:
- at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof;
- at least one second oxidation base chosen from para-phenylenediamine, para-toluenediamine, N,N-bis-(β -hydroxyethyl)-para-phenylenediamine, 2-(β -hydroxyethyl)-para-phenylenediamine, 2-6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, 2-hydroxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 2-aminophenol, 2-methoxyethyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 2-hydroxy-2,5,6-triaminopyrimidine, 2-diamino-1-ethyl-3-methylpyrazole, 2-diamino-2-methylpyrazole, 2

$$(X)_{i} \xrightarrow{5} \overset{5}{\underset{6}{\bigvee}} \overset{7}{\underset{N}{\bigvee}} \overset{3}{\underset{N}{\bigvee}} = \underbrace{[NR_{1}R_{2}]_{p}}_{[NR_{3}R_{4}]_{q}}$$

in which:

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- R_1 , R_2 , R_3 and R_4 , which are identical or different, are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, $(C_1$ - $C_4)$ alkoxy(C_1 - C_4)alkyl radicals, C_1 - C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, $(C_1$ - $C_4)$ alkylamino(C_1 - C_4)alkyl radicals,

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

$$\label{eq:condition} \begin{split} & \text{hydroxy}(C_{l}\text{-}C_{4}) \text{alkylamino}(C_{l}\text{-}C_{4}) \text{alkyl radicals, and di} [\text{hydroxy}(C_{1}\text{-}C_{4}) \text{alkyl}] \text{amino-}(C_{1}\text{-}C_{4}) \text{alkyl radicals;} \end{split}$$

- radicals X are identical or different, and are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, C_1 - C_4 aminoalkyl radicals, $(C_1$ - $C_4)$ alkylamino $(C_1$ - $C_4)$ alkyl radicals,

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

 $\label{eq:continuous_continuous_continuous} hydroxy(C_1-C_4) alkylamino(C_1-C_4) alkyl \ radicals, di[hydroxy(C_1-C_4) alkyl] amino (C_1-C_4) alkylamino radicals, di[(C_1-C_4) alkyl] amino radicals, halogen atoms, carboxylic acid groups and sulphonic acid groups;$

- i is chosen from 0, 1, 2 and 3;
- p is chosen from 0 and 1:
- q is chosen from 0 and 1;
- n is chosen from 0 and 1;

with the proviso that:

- (i) the sum p + q is other than 0:

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- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR₁R₂ and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

- and at least one coupler.
- 28. (Amended) A composition for oxidation dyeing of keratin fibers comprising: 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane tetrahydrochloride monohydrate, paraphenylenediamine, 5- N-(β-hydroxyethyl)amino-2-methylphenol, ethanol, sodium metabisulphite, pentasodium diethylenetriaminepentaacetic acid, aqueous ammonia, and demineralized water.
- 29. (Amended) A composition for oxidation dyeing of keratin fibers comprising: 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane tetrahydrochloride monohydrate, paraphenylenediamine, 5-N-(β-hydroxyethyl)amino-2-methylphenol, ethanol, dipotassium hydrogenphosphate, potassium dihydrogenphosphate, sodium metabisulphite, pentasodium diethylenetriaminepentaacetic acid, and demineralized water.
 - 30. (Amended) A composition for oxidation dyeing of keratin fibers comprising
- at least one oxidation base chosen from acid-addition salts of 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane, wherein said salts are chosen from hydrochlorides, hydrobromides, sulphates, citrates, succinates, tartrates, lactates and acetates;
- at least one second oxidation base chosen from

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para-phenylenediamine, para-toluenediamine, N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, N-phenyl-para-phenylenediamine, 4,4-diaminodiphenylamine, N-methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2-aminomethyl4-aminophenol, 2-(β-hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (I):

$$(X)_{i} \xrightarrow{5} \begin{cases} N \\ 6 \end{cases} \xrightarrow{7} \begin{bmatrix} NR_{1}R_{2}]_{p} \\ [NR_{3}R_{4}]_{q} \end{cases}$$
 (I)

in which:

- R_1 , R_2 , R_3 and R_4 , which are identical or different, are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, $(C_1$ - $C_4)$ alkoxy(C_1 - C_4)alkyl radicals, C_1 - C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, $(C_1$ - $C_4)$ alkylamino(C_1 - C_4)alkyl radicals,

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

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hydroxy(C_1 - C_4)alkylamino(C_1 - C_4)alkyl radicals, and di[hydroxy(C_1 - C_4)alkyl]amino-(C_1 - C_4)alkyl radicals;

- radicals X are identical or different, and are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, C_1 - C_4 aminoalkyl radicals, $(C_1$ - $C_4)$ alkylamino $(C_1$ - $C_4)$ alkyl radicals,

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

$$\label{eq:control_loss} \begin{split} & \text{hydroxy}(C_1\text{-}C_4) \text{alkylamino}(C_1\text{-}C_4) \text{alkyl radicals, di[hydroxy}(C_1\text{-}C_4) \text{alkyl]amino}(C_1\text{-}C_4) \text{alkyl} \\ & \text{radicals, amino radicals, } (C_1\text{-}C_4) \text{alkyl-amino radicals, di[}(C_1\text{-}C_4) \text{alkyl]amino radicals, halogen} \\ & \text{atoms, carboxylic acid groups and sulphonic acid groups;} \end{split}$$

- i is chosen from 0, 1, 2 and 3;
- p is chosen from 0 and 1;
- q is chosen from 0 and 1;
- n is chosen from 0 and 1;

with the proviso that:

- (i) the sum p + q is other than 0;
- (ii) when p+q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR₁R₂ and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR₃R₄ and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

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- and at least one coupler chosen from meta-phenylenediamines, meta-aminophenols, meta-diphenols, heterocyclic couplers, sesamol, α -naphthol, and acid-addition salts thereof.

33. (Amended) A process for oxidation dyeing of keratin fibers, comprising: applying to keratin fibers to be dyed a dyeing composition;

developing a desired color in said keratin fibers with the aid of at least one oxidizing agent;

wherein said dyeing composition comprises:

- at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof,
- at least one second oxidation base chosen from para-phenylenediamine, para-toluenediamine, N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, N-phenyl-para-phenylenediamine, 4,4'-diaminodiphenylamine, N-methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2-aminomethyl-4-aminophenol, 2-(β-hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (f):

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$$(X)_{i} \xrightarrow{5} \overset{1}{\underset{6}{\bigvee}} \overset{3}{\underset{N}{\bigvee}} \overset{2}{\underset{N}{\bigvee}} = \underbrace{[NR_{1}R_{2}]_{p}}_{[NR_{3}R_{4}]_{q}} \tag{I}$$

in which:

- R_1 , R_2 , R_3 and R_4 , which are identical or different, are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, (C_1 - C_4)alkoxy(C_1 - C_4)alkyl radicals, C_1 - C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, (C_1 - C_4)alkylamino(C_1 - C_4)alkyl radicals,

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

$$\label{eq:condition} \begin{split} & \text{hydroxy}(C_{l}\text{-}C_{4}) \text{alkylamino}(C_{l}\text{-}C_{4}) \text{alkyl radicals, and } \text{di[hydroxy}(C_{1}\text{-}C_{4}) \text{alkyl]amino-}(C_{l}\text{-}C_{4}) \text{alkyl radicals;} \end{split}$$

- radicals X are identical or different, and are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, C_1 - C_4 aminoalkyl radicals, $(C_1$ - $C_4)$ alkylamino $(C_1$ - $C_4)$ alkyl radicals,

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

$$\label{eq:hydroxy} \begin{split} & \text{hydroxy}(C_1\text{-}C_4) \text{alkylamino}(C_1\text{-}C_4) \text{alkyl radicals, di[hydroxy}(C_1\text{-}C_4) \text{alkyl]amino}(C_1\text{-}C_4) \text{alkyl} \\ & \text{radicals, amino radicals, } (C_1\text{-}C_4) \text{alkyl-amino radicals, di[}(C_1\text{-}C_4) \text{alkyl]amino radicals, halogen} \\ & \text{atoms, carboxylic acid groups and sulphonic acid groups;} \end{split}$$

- i is chosen from 0, 1, 2 and 3;

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- p is chosen from 0 and 1;
- q is chosen from 0 and 1;
- n is chosen from 0 and 1;

with the proviso that:

- (i) the sum p + q is other than 0;
- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR₁R₂ and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

- and at least one coupler.
 - 55. (Amended) A multi-compartment dyeing device, comprising:
 - a first compartment,
 - a second compartment;

wherein said first compartment contains a dyeing composition comprising:

- - at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof;
- at least one second oxidation base chosen from para-phenylenediamine, para-toluenediamine,
- N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine,
- 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-

phenylenediamine, N-phenyl-para-phenylenediamine, 4,4-diaminodiphenylamine, N-

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methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2-methoxy-4-aminophenol, 2-(β -hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β -hydroxyethyl)-N,N'-bis(β -aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (I):

$$(X)_{i} \xrightarrow{5} \overset{N}{\underset{6}{\bigvee}} \overset{3}{\underset{7}{\bigvee}} \overset{2}{\underset{[NR_{1}R_{2}]_{p}}{\bigvee}}$$

$$(I)$$

in which:

- R_1 , R_2 , R_3 and R_4 , which are identical or different, are chosen from a hydrogen atom, C_l - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, $(C_1$ - $C_4)$ alkoxy(C_1 - C_4)alkyl radicals, C_1 - C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, $(C_1$ - $C_4)$ alkylamino(C_1 - C_4)alkyl radicals,

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

 $\label{eq:hydroxy} hydroxy(C_1-C_4) alkyl \ radicals, \ and \ di[hydroxy(C_1-C_4)alkyl] amino-(C_1-C_4) alkyl \ radicals;$

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- radicals X are identical or different, and are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, C_1 - C_4 aminoalkyl radicals, $(C_1$ - $C_4)$ alkylamino $(C_1$ - $C_4)$ alkyl radicals,

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

 $\label{eq:continuous_continuous$

- i is chosen from 0, 1, 2 and 3;
- p is chosen from 0 and 1;
- q is chosen from 0 and 1;
- n is chosen from 0 and 1;

with the proviso that:

- (i) the sum p + q is other than 0;
- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR₁R₂ and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

- and at least one coupler;

wherein said second compartment contains an oxidizing composition comprising:

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- at least one oxidizing agent.

56. (Amended) A dyeing kit comprising:

a first container,

a second container;

wherein said first container contains a dyeing composition comprising:

- at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof;
- at least one second oxidation base chosen from para-phenylenediamine, para-toluenediamine, N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, N-phenyl-para-phenylenediamine, 4,4-diaminodiphenylamine, N-methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2aminomethyl-4-aminophenol, 2-(β-hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (I):

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$$(X)_{i} \xrightarrow{5} \overset{N}{\underset{6}{\bigvee}} \overset{3}{\underset{N}{\bigvee}} \overset{2}{\underset{N}{\bigvee}} = [NR_{1}R_{2}]_{p}$$

$$(I)$$

$$(OH)_{n} \xrightarrow{f} [NR_{3}R_{4}]_{q}$$

in which:

C₄)alkyl radicals,

- R_1 , R_2 , R_3 and R_4 , which are identical or different, are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, $(C_1$ - $C_4)$ alkoxy(C_1 - C_4)alkyl radicals, C_1 - C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, $(C_1$ - $C_4)$ alkylamino(C_1 - C_4)alkylamino(C_1 - C_4

 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

$$\label{eq:hydroxy} \begin{split} & \text{hydroxy}(C_1\text{-}C_4) \text{alkylamino}(C_1\text{-}C_4) \text{alkyl radicals, and di}[\text{hydroxy}(C_1\text{-}C_4) \text{alkyl}] \text{amino-}(C_1\text{-}C_4) \text{alkyl radicals;} \end{split}$$

- radicals X are identical or different, and are chosen from a hydrogen atom, C_1 - C_4 alkyl radicals, aryl radicals, C_1 - C_4 hydroxyalkyl radicals, C_2 - C_4 polyhydroxyalkyl radicals, C_1 - C_4 aminoalkyl radicals, $(C_1$ - $C_4)$ alkylamino $(C_1$ - $C_4)$ alkyl radicals,

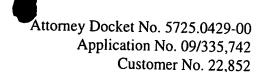
 $di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl$ radicals, wherein said dialkyls can form a ring chosen from 5-and 6-membered aliphatic and heterocyclic rings,

$$\label{eq:continuous} \begin{split} & \text{hydroxy}(C_1\text{-}C_4) \text{alkylamino}(C_1\text{-}C_4) \text{alkyl radicals, di[hydroxy}(C_1\text{-}C_4) \text{alkyl]amino}(C_1\text{-}C_4) \text{alkyl} \\ & \text{radicals, amino radicals, } (C_1\text{-}C_4) \text{alkyl-amino radicals, di[}(C_1\text{-}C_4) \text{alkyl]amino radicals, halogen} \\ & \text{atoms, carboxylic acid groups and sulphonic acid groups;} \end{split}$$

- i is chosen from 0, 1, 2 and 3;
- p is chosen from 0 and 1;
- q is chosen from 0 and 1;
- n is chosen from 0 and 1;

with the proviso that:

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- (i) the sum p + q is other than 0;
- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR₁R₂ and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);
- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

- and at least one coupler;

wherein said second container contains an oxidizing composition comprising:

- at least one oxidizing agent.

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